Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	3	1 and zero near2 cross\$3 near6 ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 10:11
L11	35	(polarit\$3 or sign\$1) near5 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2to\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @prad<"20010504") and (b\$1psk or (phase near2 key\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:37

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L12	25	((logic\$2 near2 value\$1) or (positive near3 negative) or ("-1" near3 "1") or ("0" near3 "1")) near5 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:01

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L13	4	((logic\$2 near2 value\$1) or (positive near3 negative) or ("-1" near3 "1") or ("0" near3 "1")) near5 sample\$1 same ("s/n" or (signal\$2to\$2noise) or sir or sinr or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier adj2 noise) or (carrier ad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:10
L14	22	(polarit\$3 or sign\$1) near5 sample\$1 same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:10

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L16		((logic\$2 near2 value\$1) or (positive near3 negative) or ("-1" near3 "1")) near5 sample\$1 same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:12
L17	1	(polarit\$3 or sign\$1) near5 chip\$1 same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:21
L19	174	fukuhara and polarit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:16

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L20	219	demodulat\$4 with ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier a	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:41
L21	3	demodulat\$4 with (b\$1psk or (binary near2 phase near2 key\$3)) with ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:45

L22		demodulat\$4 with (b\$1psk or (binary near2 phase near2 key\$3)) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or "c/n" or (carrier\$2to\$2noise) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @prad<"20010504" or @prad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 11:54
L23	119	demodulat\$4 with (b\$1psk or (binary near2 phase near2 key\$3)) and ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2to\$2noise) or sir or sinr or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrie	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:32
L24	317	(375/227).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:20

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L25	7	24 and demodulat\$4 with (b\$1psk or (binary near2 phase near2 key\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:20
L26	5	demodulat\$4 with (bi\$2polar\$1 or bi\$2phase\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrie	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:39
L27		demodulat\$4 with (bi\$2polar\$1 or bi\$2phase\$1) and ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:39

L28	211	(bi\$2polar\$1 or bi\$2phase\$1 or b\$1psk or (binary near2 phase near2 key\$3)) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:40
	•	interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr")				
		near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")				

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4923	(375/227,316,324,340).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 09:18
L2	8	L1 and (polarit\$3 or sign\$1) near3 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or "cri" near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3 or calculat\$4) and (@pd<"20010504" or @prad<"20010504" or @prad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 09:22

L3	5	L1 and ((logic\$2 near2 value\$1) or	US-PGPUB;	OR	OFF	2007/05/23 09:20
		(positive near3 negative) or ("-1"	USPAT;			, ,
		near3 "1") or ("0" near3 "1"))	USOCR;			
ļ		near3 (bit\$1 or chip\$1 or	EPO; JPO;			
		symbol\$1 or signal\$1 or data or	DERWENT			
		sequence\$1 or sample\$1 or				
		frame\$1) same ("s/n" or				
		(signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr				
		or (signal\$2noise\$2interference\$1)	:			
		or (signal adj2 noise adj2				
İ		interference\$1) or (signal adj2				
		noise) or (signal adj2				
		interference\$1) or "c/n" or				
		(carrier\$2to\$2interference) or				
		(carrier\$2to\$2noise) or (carrier				
		adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise)				
		adj2 holse) of (carrier adj2 holse adj2 interference\$1) or "cnr")				
		near4 (extract\$3 or estimat\$4 or				
	·	determin\$5 or detect\$3 or				
		obtain\$3 or identify\$3 or				
	1	identification\$1 or measur\$5 or				
		generat\$4 or produc\$3 or				
		calculat\$4) and (@pd<"20010504"		,		
		or @ad<"20010504" or		,		
		@prad<"20010504" or				
		@rlad<"20010504")				

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L4	7	L1 and ((logic\$2 near2 value\$1) or (positive near3 negative) or ("-1" near3 "1") or ("0" near3 "1")) near5 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or (carr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 10:08
L5	9	L1 and (polarit\$3 or sign\$1) near5 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2to\$2noise) or sir or sinr or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or (ca	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 09:22

		LAST Scare				
L7	494	((logic\$2 near2 value\$1) or (positive near3 negative) or ("-1" near3 "1") or ("0" near3 "1")) near5 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 10:24
L8	441	(polarit\$3 or sign\$1) near5 (bit\$1 or chip\$1 or symbol\$1 or signal\$1 or data or sequence\$1 or sample\$1 or frame\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2to\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 noise) or (carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 10:24

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L9	78	zero near2 cross\$3 near6 ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) or "c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (c	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 10:11
S80	4923	(375/227,316,324,340).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 16:14
S81	227	S72 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 16:15
S82	8468	(polarit\$3 or sign\$1 or phase\$1 or direction\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1) near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 17:09

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S83	72	S74 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 16:16
S85	132	S82 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 16:23
S87	54	S86 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 16:22
S88	13	S80 and (polarit\$3 or sign\$1) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1)) near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 09:16
S89	20	S80 and ((positive near3 negative) or ("-1" near3 "1") or ("0" near3 "1")) same ("s/n" or (signal\$2to\$2interference) or (signal\$2to\$2noise) or sir or sinr or (signal\$2noise\$2interference\$1) or (signal adj2 noise adj2 interference\$1) or (signal adj2 noise) or (signal adj2 interference\$1)) near4 (extract\$3 or estimat\$4 or determin\$5 or detect\$3 or obtain\$3 or identify\$3 or identification\$1 or measur\$5 or generat\$4 or produc\$3) and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 09:18

S91		S80 and ((logic near2 value\$1) or ("-1" near2 "1") or ("0" near2 "1")) same ("c/n" or (carrier\$2to\$2interference) or (carrier\$2to\$2noise) or (carrier adj2 interference\$1) or (carrier adj2 noise) or (carrier adj2 noise) or (carrier adj2 noise) or (carrier adj2 noise adj2 interference\$1) or "cnr") and (@pd<"20010504" or @ad<"20010504" or @prad<"20010504" or @rlad<"20010504")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/22 17:45
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